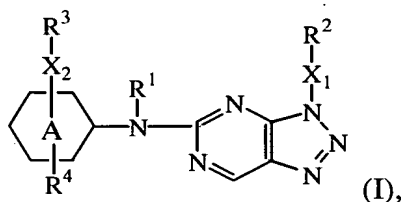


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A compound of formula



a *N*-oxide, a pharmaceutically acceptable addition salt, a quaternary amine and a stereochemically isomeric form thereof, wherein

ring A represents phenyl, pyridyl, pyrimidinyl, pyridazinyl or pyrazinyl;

R¹ represents hydrogen; aryl; formyl; C₁₋₆alkylcarbonyl; C₁₋₆alkyl; C₁₋₆alkyloxycarbonyl;

C₁₋₆alkyl substituted with formyl, C₁₋₆alkylcarbonyl, C₁₋₆alkyloxycarbonyl,

C₁₋₆alkylcarbonyloxy; or C₁₋₆alkyloxyC₁₋₆alkylcarbonyl optionally substituted with C₁₋₆alkyloxycarbonyl;

X₁ represents a direct bond; -(CH₂)_{n3}- or -(CH₂)_{n4}-X_{1a}-X_{1b}-;

with n₃ representing an integer with value 1,

2, 3 or 4;

with n₄ representing an integer with value 1 or

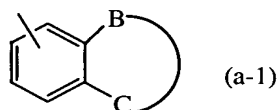
2;

with X_{1a} representing O, C(=O) or NR⁵; and

with X_{1b} representing a direct bond or C₁₋

alkyl;

R² represents C₃₋₇cycloalkyl; phenyl; a 4, 5, 6- or 7-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N; benzoxazolyl or a radical of formula



wherein -B-C- represents a bivalent radical of formula

-CH₂-CH₂-CH₂- (b-1);

$-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-$ (b-2);

$-\text{X}_3-\text{CH}_2-\text{CH}_2-(\text{CH}_2)_n-$ (b-3);

$-\text{X}_3-\text{CH}_2-(\text{CH}_2)_n-\text{X}_3-$ (b-4);

$-\text{X}_3-(\text{CH}_2)_{n'}-\text{CH}=\text{CH}-$ (b-5);

$-\text{CH}=\text{N}-\text{X}_3-$ (b-6);

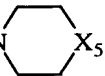
with X_3 representing O or NR^5 ;

n representing an integer with value 0, 1, 2 or 3;

n' representing an integer with value 0 or 1;

wherein said R^2 substituent, where possible, may optionally be substituted with at least one substituent selected from halo; hydroxy; C_{1-6} alkyl optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkyloxy C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{NR}^5-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{S}(=\text{O})_{n1}-\text{R}^8$ or $-\text{NR}^5-\text{S}(=\text{O})_{n1}-\text{R}^8$; C_{2-6} alkenyl or C_{2-6} alkynyl, each optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{NR}^5-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{S}(=\text{O})_{n1}-\text{R}^8$ or $-\text{NR}^5-\text{S}(=\text{O})_{n1}-\text{R}^8$; polyhalo- C_{1-6} alkyl optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkyloxy C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{NR}^5-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{S}(=\text{O})_{n1}-\text{R}^8$ or $-\text{NR}^5-\text{S}(=\text{O})_{n1}-\text{R}^8$; C_{1-6} alkyloxy optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{NR}^5-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{S}(=\text{O})_{n1}-\text{R}^8$ or $-\text{NR}^5-\text{S}(=\text{O})_{n1}-\text{R}^8$; polyhalo C_{1-6} alkyloxy optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkyloxy C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{NR}^5-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$, $-\text{S}(=\text{O})_{n1}-\text{R}^8$ or $-\text{NR}^5-\text{S}(=\text{O})_{n1}-\text{R}^8$; C_{1-6} alkylthio; polyhalo C_{1-6} alkylthio; C_{1-6} alkyloxycarbonyl; C_{1-6} alkylcarbonyloxy; C_{1-6} alkylcarbonyl; polyhalo C_{1-6} alkylcarbonyl; cyano; carboxyl; aryloxy; arylthio; arylcarbonyl; aryl C_{1-4} alkyl; aryl C_{1-4} alkyloxy; NR^6R^7 ; $\text{C}(=\text{O})\text{NR}^6\text{R}^7$; $-\text{NR}^5-\text{C}(=\text{O})-\text{NR}^6\text{R}^7$; $-\text{NR}^5-\text{C}(=\text{O})-\text{R}^5$; $-\text{S}(=\text{O})_{n1}-\text{R}^8$; $-\text{NR}^5-\text{S}(=\text{O})_{n1}-\text{R}^8$; $-\text{S}-\text{CN}$;

-NR⁵-CN; oxazolyl optionally substituted with C₁₋₄alkyl; imidazolyl optionally substituted

with C₁₋₄alkyl; or $-(CH_2)_{n2}-X_4-(CH_2)_{n2}-N$  X₅

with n₂ representing an integer with value 0, 1, 2, 3 or 4;

with X₄ representing O, NR⁵ or a direct bond;

with X₅ representing O, CH₂, CHOH, CH-N(R₅)₂, NR⁵ or N-C(=O)-C₁₋₄alkyl;

X₂ represents a direct bond; -NR¹-; -NR¹-(CH₂)_{n3}-; -O-; -O-(CH₂)_{n3}-; -C(=O)-;

-C(=O)-(CH₂)_{n3}-; -C(=O)-NR⁵-(CH₂)_{n3}-; -C(=S)-; -S-; -S(=O)_{n1}-; -(CH₂)_{n3}-;

-(CH₂)_{n4}-X_{1a}-X_{1b}-; -X_{1a}-X_{1b}-(CH₂)_{n4}-; -S(=O)_{n1}-NR⁵-(CH₂)_{n3}-NR⁵-; or

-S(=O)_{n1}-NR⁵-(CH₂)_{n3}-;

R³ represents a 5- or 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N, or a 9- or 10-membered bicyclic heterocycle containing at least one heteroatom selected from O, S or N, wherein said R³ substituent, where possible, may optionally be substituted with at least one substituent selected from halo; hydroxy; C₁₋₆alkyl optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C₁₋₄alkyloxy,

C₁₋₄alkyloxyC₁₋₄alkyloxy, C₁₋₄alkylcarbonyl, C₁₋₄alkyloxycarbonyl,

C₁₋₄alkylcarbonyloxy, NR⁶R⁷, -C(=O)-NR⁶R⁷, -NR⁵-C(=O)-NR⁶R⁷, -S(=O)_{n1}-R⁸ or -NR⁵-S(=O)_{n1}-R⁸; C₂₋₆alkenyl or C₂₋₆alkynyl, each optionally substituted with at least one

substituent selected from hydroxy, cyano, carboxyl, C₁₋₄alkyloxy,

C₁₋₄alkylcarbonyl, C₁₋₄alkyloxycarbonyl, C₁₋₄alkylcarbonyloxy, NR⁶R⁷,

-C(=O)-NR⁶R⁷, -NR⁵-C(=O)-NR⁶R⁷, -S(=O)_{n1}-R⁸ or -NR⁵-S(=O)_{n1}-R⁸;

polyhaloC₁₋₆alkyl; C₁₋₆alkyloxy optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C₁₋₄alkyloxy, C₁₋₄alkylcarbonyl,

C₁₋₄alkyloxycarbonyl, C₁₋₄alkylcarbonyloxy, NR⁶R⁷, -C(=O)-NR⁶R⁷, -NR⁵-C(=O)-NR⁶R⁷,

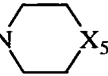
-S(=O)_{n1}-R⁸ or -NR⁵-S(=O)_{n1}-R⁸; polyhaloC₁₋₆alkyloxy;

C₁₋₆alkylthio; polyhaloC₁₋₆alkylthio; C₁₋₆alkyloxycarbonyl; C₁₋₆alkylcarbonyloxy; C₁₋₆alkylcarbonyl;

polyhaloC₁₋₆alkylcarbonyl; cyano; carboxyl; NR⁶R⁷; C(=O)NR⁶R⁷;

-NR⁵-C(=O)-NR⁶R⁷; -NR⁵-C(=O)-R⁵; -S(=O)_{n1}-R⁸;

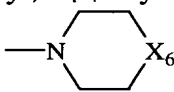
-NR⁵-S(=O)_{n1}-R⁸; -S-CN;

-NR⁵-CN; or $-(CH_2)_{n2}-X_4-(CH_2)_{n2}-N$  X₅; and in case R³ represents a saturated or a

partially saturated 5-or 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N, said R^3 may also be substituted with at least one oxo; R^4 represents hydrogen; halo; hydroxy; C_{1-4} alkyl optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^9R^{10} , $-C(=O)-NR^9R^{10}$, $-NR^5-C(=O)-NR^9R^{10}$, $-S(=O)_{n1}-R^{11}$ or $-NR^5-S(=O)_{n1}-R^{11}$; C_{2-4} alkenyl or C_{2-4} alkynyl, each optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^9R^{10} , $-C(=O)-NR^9R^{10}$, $-NR^5-C(=O)-NR^9R^{10}$, $-S(=O)_{n1}-R^{11}$ or $-NR^5-S(=O)_{n1}-R^{11}$; polyhalo C_{1-3} alkyl; C_{1-4} alkyloxy optionally substituted with carboxyl; polyhalo C_{1-3} alkyloxy; C_{1-4} alkylthio; polyhalo C_{1-3} alkylthio; C_{1-4} alkyloxycarbonyl; C_{1-4} alkylcarbonyloxy; C_{1-4} alkylcarbonyl; polyhalo C_{1-4} alkylcarbonyl; nitro; cyano; carboxyl; NR^9R^{10} ; $C(=O)NR^9R^{10}$; $-NR^5-C(=O)-NR^9R^{10}$; $-NR^5-C(=O)-R^5$; $-S(=O)_{n1}-R^{11}$; $-NR^5-S(=O)_{n1}-R^{11}$; $-S-CN$; or $-NR^5-CN$;

R^5 represents hydrogen, C_{1-4} alkyl or C_{2-4} alkenyl;

R^6 and R^7 each independently represent hydrogen; cyano; C_{1-6} alkylcarbonyl optionally substituted with C_{1-4} alkyloxy or carboxyl; C_{1-6} alkyloxycarbonyl; C_{3-7} cycloalkylcarbonyl; adamantanylcabonyl; C_{1-4} alkyloxy C_{1-4} alkyl; C_{1-4} alkyl substituted with C_{1-4} alkyl- NR^5 -; C_{1-6} alkyl optionally substituted with at least one substituent selected from halo, hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, polyhalo C_{1-4} alkyl,

C_{1-4} alkyloxy C_{1-4} alkyloxy, $NR^{6a}R^{7a}$, $C(=O)NR^{6a}R^{7a}$ or ; with X_6 representing O, CH_2 , $CHOH$, $CH-N(R^5)_2$, NR^5 or $N-C(=O)-C_{1-4}$ alkyl;

R^{6a} and R^{7a} each independently represent hydrogen; C_{1-4} alkyl or C_{1-4} alkylcarbonyl;

R^8 represents C_{1-4} alkyl optionally substituted with hydroxy; polyhalo C_{1-4} alkyl or NR^6R^7 ;

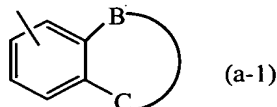
R^9 and R^{10} each independently represent hydrogen; C_{1-6} alkyl; cyano; C_{1-6} alkylcarbonyl; C_{1-4} alkyloxy C_{1-4} alkyl; or C_{1-4} alkyl substituted with C_{1-4} alkyl- NR^5 -;

R^{11} represents C_{1-4} alkyl or NR^9R^{10} ;

$n1$ represents an integer with value 1 or 2;

aryl represents phenyl or phenyl substituted with at least one substituent selected from halo, C_{1-6} alkyl, C_{3-7} cycloalkyl, C_{1-6} alkyloxy, cyano, nitro, polyhalo C_{1-6} alkyl or polyhalo C_{1-6} alkyloxy.

2. (Original) A compound according to claim 1 wherein R^2 represents C_{3-7} cycloalkyl; phenyl or a 4, 5, 6- or 7-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N; or a radical of formula



wherein $-B-C-$ represents a bivalent radical of formula

$-CH_2-CH_2-CH_2-$ (b-1);

$-CH_2-CH_2-CH_2-CH_2-$ (b-2);

$-X_3-CH_2-CH_2-(CH_2)_n-$ (b-3);

$-X_3-CH_2-(CH_2)_n-X_3-$ (b-4);

$-X_3-(CH_2)_n-CH=CH-$ (b-5);

with X_3 representing O or NR^5 ;

n representing an integer with value 0, 1, 2 or 3;

n' representing an integer with value 0 or 1;

wherein said R^2 substituent, where possible, may optionally be substituted with at least one substituent selected from halo; hydroxy; C_{1-6} alkyl optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-C(=O)-NR^6R^7$, $-NR^5-C(=O)-NR^6R^7$, $-S(=O)_{n1}-R^8$ or $-NR^5-S(=O)_{n1}-R^8$; C_{2-6} alkenyl or C_{2-6} alkynyl, each optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-C(=O)-NR^6R^7$, $-NR^5-C(=O)-NR^6R^7$, $-S(=O)_{n1}-R^8$ or $-NR^5-S(=O)_{n1}-R^8$; polyhalo C_{1-6} alkyl; C_{1-6} alkyloxy optionally substituted with carboxyl; polyhalo C_{1-6} alkyloxy; C_{1-6} alkylthio; polyhalo C_{1-6} alkylthio; C_{1-6} alkyloxycarbonyl; C_{1-6} alkylcarbonyloxy; C_{1-6} alkylcarbonyl; polyhalo C_{1-6} alkylcarbonyl; cyano; carboxyl; NR^6R^7 ; $C(=O)NR^6R^7$; $-NR^5-C(=O)-NR^6R^7$; $-NR^5-C(=O)-R^5$; $-S(=O)_{n1}-R^8$; $-NR^5-S(=O)_{n1}-R^8$; $-S-CN$;

$-NR^5-CN$; or

$-(CH_2)_{n2}-X_4-(CH_2)_{n2}-N$
 X_5

with n_2 representing an integer with value 0,

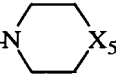
1, 2, 3 or 4;

with X_4 representing O, NR^5 or a direct bond;

with X_5 representing O or NR^5 ;

X_2 represents a direct bond; $-NR^1$ -; $-O$ -; $-C(=O)$ -; $-C(=S)$ -; $-S$ -; $-S(=O)_{n1}$ -; $-(CH_2)_{n3}$ -; or $-(CH_2)_{n4}-X_{1a}-X_{1b}$ -;

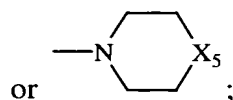
R^3 represents a 5- or 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N, wherein said R^3 substituent, where possible, may optionally be substituted with at least one substituent selected from halo; hydroxy; C_{1-6} alkyl optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-C(=O)-NR^6R^7$, $-NR^5-C(=O)-NR^6R^7$, $-S(=O)_{n1}-R^8$ or $-NR^5-S(=O)_{n1}-R^8$; C_{2-6} alkenyl or C_{2-6} alkynyl, each optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-C(=O)-NR^6R^7$, $-NR^5-C(=O)-NR^6R^7$, $-S(=O)_{n1}-R^8$ or $-NR^5-S(=O)_{n1}-R^8$; polyhalo C_{1-6} alkyl; C_{1-6} alkyloxy optionally substituted with carboxyl; polyhalo C_{1-6} alkyloxy; C_{1-6} alkylthio; polyhalo C_{1-6} alkylthio; C_{1-6} alkyloxycarbonyl; C_{1-6} alkylcarbonyloxy; C_{1-6} alkylcarbonyl; polyhalo C_{1-6} alkylcarbonyl; cyano; carboxyl; NR^6R^7 ; $C(=O)NR^6R^7$; $-NR^5-C(=O)-NR^6R^7$; $-NR^5-C(=O)-R^5$;

$-S(=O)_{n1}-R^8$; $-NR^5-S(=O)_{n1}-R^8$; $-S-CN$; $-NR^5-CN$; or $-(CH_2)_{n2}-X_4-(CH_2)_{n2}-N$  X_5 ; and in case R^3 represents a saturated 5- or 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N, said R^3 may also be substituted with at least one oxo;

R^5 represents hydrogen or C_{1-4} alkyl;

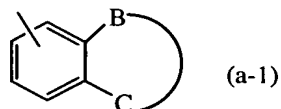
R^6 and R^7 each independently represent hydrogen; cyano; C_{1-6} alkylcarbonyl;

C_{1-4} alkyloxy C_{1-4} alkyl; C_{1-4} alkyl substituted with C_{1-4} alkyl- NR^5 -; C_{1-6} alkyl optionally substituted with hydroxy, C_{1-4} alkyloxy, C_{1-4} alkyloxy C_{1-4} alkyloxy, $NR^{6a}R^{7a}$, $C(=O)NR^{6a}R^{7a}$



R^8 represents C_{1-4} alkyl, polyhalo C_{1-4} alkyl or NR^6R^7 .

3. (Original) A compound as claimed in claim 1 wherein ring A represents phenyl; R^1 represents hydrogen or C_{1-6} alkyl; X_1 represents a direct bond or $-(CH_2)_{n3}$ -; R^2 represents C_{3-7} cycloalkyl; phenyl; a 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N; benzoxazolyl; or a radical of formula



wherein -B-C- represents a bivalent radical of formula

-CH₂-CH₂-CH₂- (b-1);

-X₃-CH₂-(CH₂)_n-X₃- (b-4);

-CH=N-X₃- (b-6);

with X₃ representing O or NR⁵;

n representing an integer with value 1;

wherein said R² substituent, where possible, may optionally be substituted with at least one substituent, in particular with 1 or 2 substituents selected from halo; C₁₋₆alkyl optionally substituted with at least one substituent selected from hydroxy, cyano, C₁₋₄alkyloxy, C₁₋₄alkyloxyC₁₋₄alkyloxy, NR⁶R⁷ or -C(=O)-NR⁶R⁷; polyhaloC₁₋₆alkyl; C₁₋₆alkyloxy optionally substituted with C₁₋₄alkyloxy; C₁₋₆alkylthio; C₁₋₆alkyl-oxycarbonyl; cyano; arylthio; aryloxy; arylcarbonyl; NR⁶R⁷; C(=O)NR⁶R⁷; -S(=O)_{n1}-R⁸; or imidazolyl optionally substituted with C₁₋₄alkyl; X₂ represents a direct bond; -NR¹-; -O-(CH₂)_{n3}-; -C(=O)-; -C(=O)-NR⁵-(CH₂)_{n3}-; -(CH₂)_{n3}-; or -S(=O)_{n1}-NR⁵-(CH₂)_{n3}-NR⁵-; R³ represents a 5-or 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N, wherein said R³ substituent, where possible, may optionally be substituted with at least one substituent selected from halo; hydroxy; C₁₋₆alkyl; or NR⁶R⁷; and in case R³ represents a saturated or a partially saturated 5-or 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N, said R³ may also be substituted with at least one oxo; R⁴ represents hydrogen; nitro or carboxyl; R⁵ represents hydrogen; R⁶ and R⁷ each independently represent hydrogen; cyano; C₁₋₆alkylcarbonyl optionally substituted with C₁₋₄alkyloxy; C₁₋₆alkyloxycarbonyl; C₃₋₇cycloalkylcarbonyl; adamantanylcabonyl; or C₁₋₆alkyl; R⁸ represents NR⁶R⁷; n1 represents an integer with value 2; aryl represents phenyl.

4. (Currently Amended) A compound as claimed in claim 1 ~~any one of claims 1 to 3~~ wherein ring A is phenyl; R¹ is hydrogen; X₁ is a direct bond or -(CH₂)_{n3}-; R² is indanyl; 2,3-dihydro-1,4-benzodioxanyl; phenyl optionally being substituted with 1 or 2 substituents each independently being selected from C₁₋₆alkyl which may optionally be substituted with hydroxy, cyano, C₁₋₄alkyloxy, C₁₋₄alkyloxyC₁₋₄alkyloxy, NR⁶R⁷ or C(=O)NR⁶R⁷; C₁₋

₆alkyloxy; halo; polyhaloC₁₋₆alkyl which may optionally be substituted with hydroxy, cyano, C₁₋₄alkyloxy, C₁₋₄alkyloxyC₁₋₄alkyloxy, NR⁶R⁷ or C(=O)NR⁶R⁷; cyano; NR⁶R⁷; C(=O)NR⁶R⁷; -S(=O)_{n1}-R⁸; X₂ is direct bond; -NR¹-; -O-(CH₂)_{n3}-; -C(=O)-; -C(=O)-NR⁵-(CH₂)_{n3}-; or -(CH₂)_{n3}-; R³ is tetrazolyl; piperazinyl; imidazolyl; oxazolyl; pyrimidinyl; thiazolyl; triazolyl; pyridyl; piperidinyl, pyrazinyl; pyrazolyl or morpholinyl; said rings representing R³ may optionally be substituted with one substituent selected from C₁₋₆alkyl; NR⁶R⁷; hydroxy; halo; and in case R³ represents a saturated or a partially saturated ring system, said R³ may also be substituted with at least one oxo; R⁴ is hydrogen; R⁶ and R⁷ each independently represent hydrogen; cyano; C₁₋₆alkylcarbonyl optionally substituted with C₁₋₄alkyloxy; C₁₋₆alkyloxycarbonyl; C₃₋₇cycloalkylcarbonyl; or C₁₋₆alkyl; R⁸ represents NR⁶R⁷.

5. (Currently Amended) A compound as claimed in claim 1 ~~any one of claims 1 to 4~~ wherein the R³ substituent is linked to ring A in meta position compared to the NR¹ linker.

6. (Currently Amended) A compound as claimed in claim 1 ~~any one of claims 1 to 4~~ wherein the R³ substituent is linked to ring A in para position compared to the NR¹ linker.

7. (Currently Amended) A compound as claimed in claim 1 ~~any one of claims 1 to 6~~ wherein the R³ substituent is an optionally substituted saturated 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N.

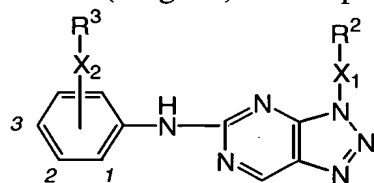
8. (Currently Amended) A compound as claimed in claim 1 ~~any one of claims 1 to 7~~ wherein X₁ represents a direct bond.

9. (Currently Amended) A compound as claimed in claim 1 ~~any one of claims 1, 5 to 8~~ wherein R² represents C₃₋₇cycloalkyl; phenyl; a 4, 5, 6- or 7-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N; benzoxazolyl or a radical of formula (a-1) wherein said R² substituent is substituted with at least one substituent selected from C₁₋₆alkyl substituted with NR⁶R⁷; C₂₋₆alkenyl or C₂₋₆alkynyl, each substituted with NR⁶R⁷; polyhaloC₁₋₆alkyl substituted with NR⁶R⁷; C₁₋₆alkyloxy substituted with NR⁶R⁷; polyhaloC₁₋₆alkyloxy substituted with NR⁶R⁷; or NR⁶R⁷.

10. (Currently Amended) A compound as claimed in claim 1 ~~any one of claims 1, 5, 6, 8 or 9~~ wherein R^3 represents a 5- or 6-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N, or a 9- or 10-membered bicyclic heterocycle containing at least one heteroatom selected from O, S or N, wherein said R^3 substituent is substituted with at least one substituent selected from C_{1-6} alkyl substituted with NR^6R^7 ; C_{2-6} alkenyl or C_{2-6} alkynyl, each substituted with NR^6R^7 ; C_{1-6} alkyloxy substituted with NR^6R^7 ; or NR^6R^7 .

11. (Currently Amended) A compound as claimed in claim 1 ~~any one of claims 1, 5, 6, 7, 8 or 10~~ wherein R^2 represents C_{3-7} cycloalkyl; phenyl; a 4, 5, 6- or 7-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N; benzoxazolyl or a radical of formula (a-1), wherein said R^2 substituent is substituted with at least one substituent selected from halo; polyhalo C_{1-6} alkyl optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkyloxy- C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-C(=O)-NR^6R^7$, $-NR^5-C(=O)-NR^6R^7$, $-S(=O)_{n1}-R^8$ or $-NR^5-S(=O)_{n1}-R^8$; polyhalo- C_{1-6} alkyloxy optionally substituted with at least one substituent selected from hydroxy, cyano, carboxyl, C_{1-4} alkyloxy, C_{1-4} alkyloxy C_{1-4} alkyloxy, C_{1-4} alkylcarbonyl, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyloxy, NR^6R^7 , $-C(=O)-NR^6R^7$, $-NR^5-C(=O)-NR^6R^7$, $-S(=O)_{n1}-R^8$ or $-NR^5-S(=O)_{n1}-R^8$.

12. (Original) A compound as claimed in claim 1 wherein the compound is selected from

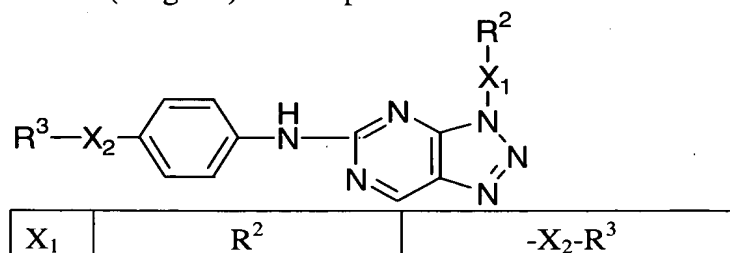


X_1	R^2	X_2	R^3
db		2-db	
db		2-db	

X ₁	R ²	X ₂	R ³
db		2-db	
db		2-db	
db		2-db	
db		3-db	
db		2-db	
db		3-NH	
db		2-db	
db		3-db	

a *N*-oxide, a pharmaceutically acceptable addition salt, a quaternary amine and a stereochemically isomeric form thereof.

13. (Original) A compound as claimed in claim 1 wherein the compound is selected from



X_1	R^2	$-X_2-R^3$
db		
db		
db		
db		
db		
db		
db		

a *N*-oxide, a pharmaceutically acceptable addition salt, a quaternary amine and a stereochemically isomeric form thereof.

14. (Currently Amended) A pharmaceutical composition comprising a compound as claimed in claim 1 and a pharmaceutical excipient. ~~any one of claims 1 to 13 for use as a medicine.~~

15. (Currently Amended) A method for the prevention or the treatment of diseases mediated through GSK3 comprising administering a therapeutically effective amount ~~The use of a compound as defined in claim 1 to a patient~~ ~~any one of claims 1 to 13 for the manufacture of a medicament~~ for the prevention or the treatment of diseases mediated through GSK3.

16. (Currently Amended) The method of claim 15 wherein the disease mediated through GSK3 is selected from the group consisting ~~The use of a compound as defined in any one of claims 1 to 13 for the manufacture of a medicament for the prevention or the treatment of~~ bipolar disorder (in particular manic depression), diabetes, Alzheimer's disease, leukopenia, FTDP-17 (Fronto-temporal dementia associated with Parkinson's disease), cortico-basal degeneration, progressive supranuclear palsy, multiple system atrophy, Pick's disease, Niemann Pick's disease type C, Dementia Pugilistica, dementia with tangles only, dementia with tangles and calcification, Downs syndrome, myotonic dystrophy, Parkinsonism-dementia complex of Guam, aids related dementia, Postencephalic Parkinsonism, prion diseases with tangles, subacute sclerosing panencephalitis, frontal lobe degeneration (FLD), argyrophilic grains disease, subacute sclerotizing panencephalitis (SSPE) (late complication of viral infections in the central nervous system), inflammatory diseases, depression, cancer, dermatological disorders, neuroprotection, schizophrenia, and pain.

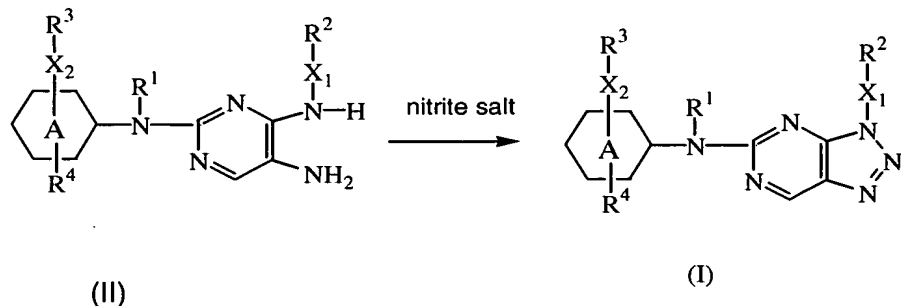
17. (Currently Amended) The method of ~~use of a compound as claimed in claim 16,~~ wherein the GSK3 mediated disease is selected from the group consisting for the prevention or the treatment of Alzheimer's disease; diabetes; cancer; inflammatory diseases; bipolar disorder; depression; and pain.

18. (Currently Amended) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and as active ingredient a therapeutically effective amount of a compound as claimed in claim 1, ~~any one of claims 1 to 13~~.

19. (Currently Amended) A process for preparing a pharmaceutical composition comprising mixing ~~as claimed in claim 18 characterized in that a therapeutically effective amount of~~ a compound as claimed in ~~any one of claims~~ claim 1 to 13 ~~is intimately mixed with~~ a pharmaceutically acceptable carrier.

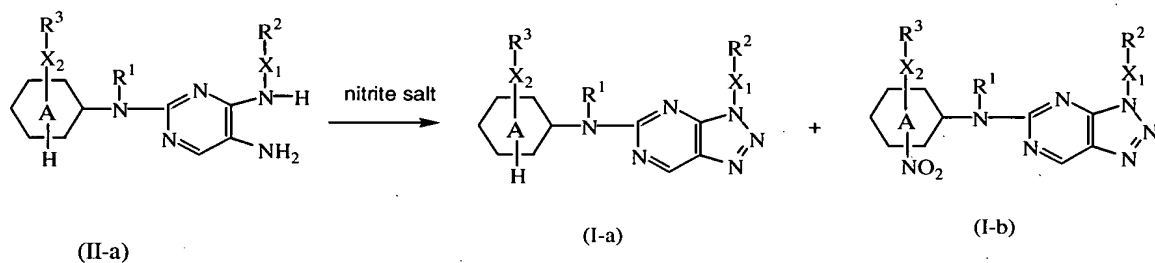
20. (Original) A process for preparing a compound as claimed in claim 1, comprising ~~characterized by~~

a) cyclizing an intermediate of formula (II) in the presence of a nitrite salt, a suitable solvent, and a suitable acid,



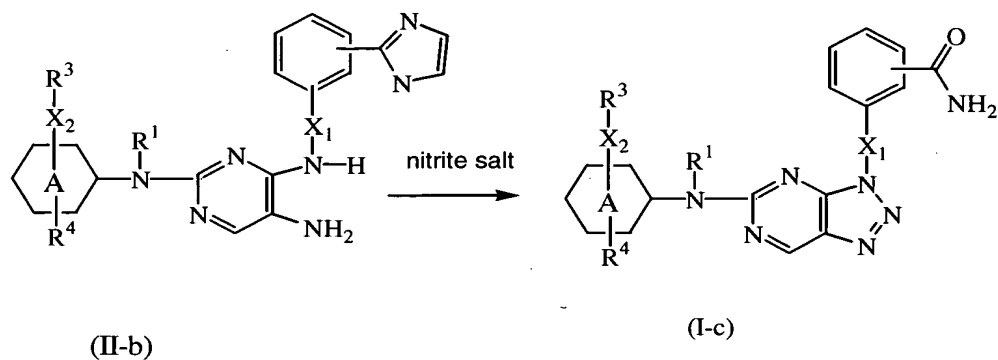
wherein ring A, R^1 to R^4 , X_1 and X_2 are as defined in claim 1;

b) cyclizing an intermediate of formula (II-a) in the presence of a nitrite salt, a suitable solvent, and a suitable acid,



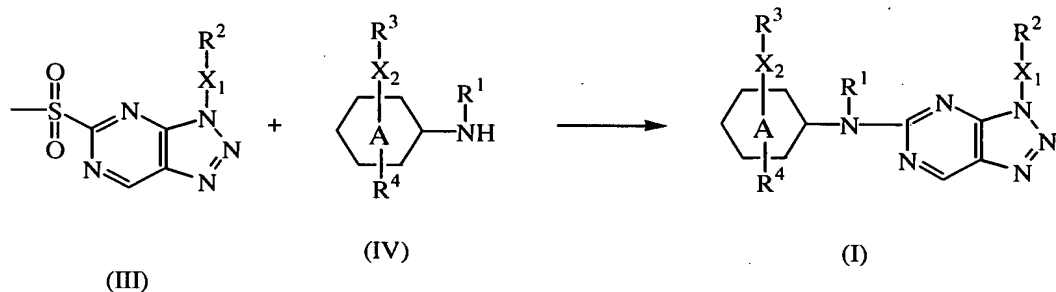
wherein ring A, R^1 to R^3 , X_1 and X_2 are as defined in claim 1;

c) cyclizing an intermediate of formula (II-b) in the presence of a nitrite salt, a suitable solvent, and a suitable acid,



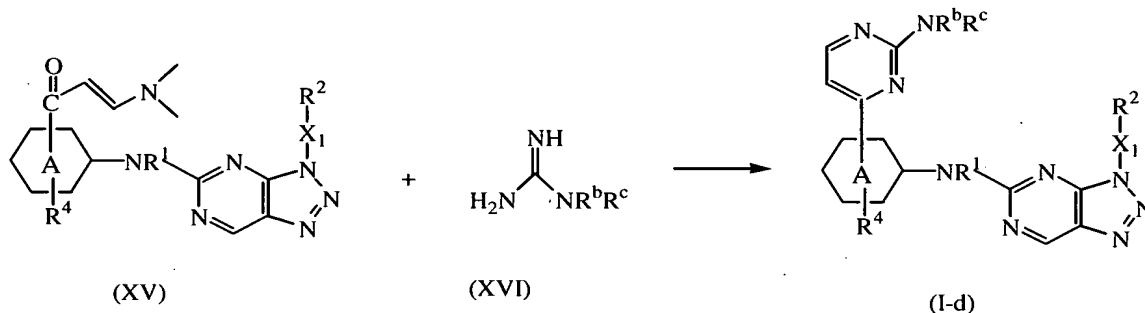
wherein ring A, R^1 , R^3 and R^4 , X_1 and X_2 are as defined in claim 1;

d) reacting an intermediate of formula (III) with an intermediate of formula (IV) in the presence of a suitable solvent,



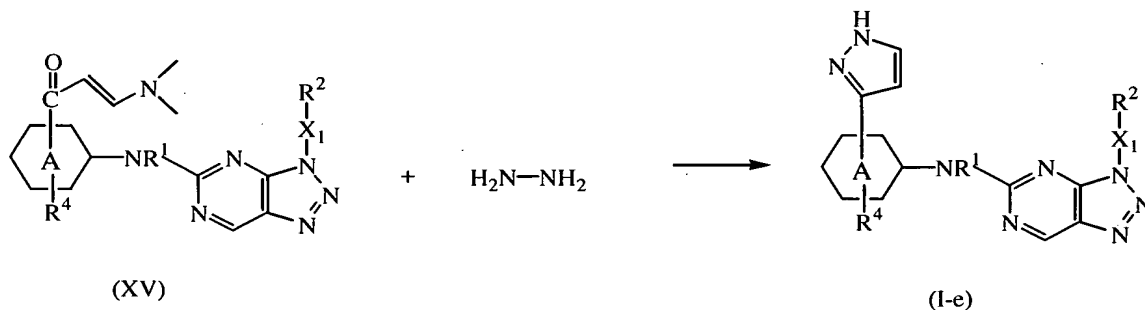
wherein ring A, R^1 to R^4 , X_1 and X_2 are as defined in claim 1;

e) reacting an intermediate of formula (XV) with an intermediate of formula (XVI), wherein R^b represents hydrogen, C_{1-4} alkyl or cyano, and R^c represents hydrogen or C_{1-4} alkyl, in the presence of a suitable solvent and a suitable salt



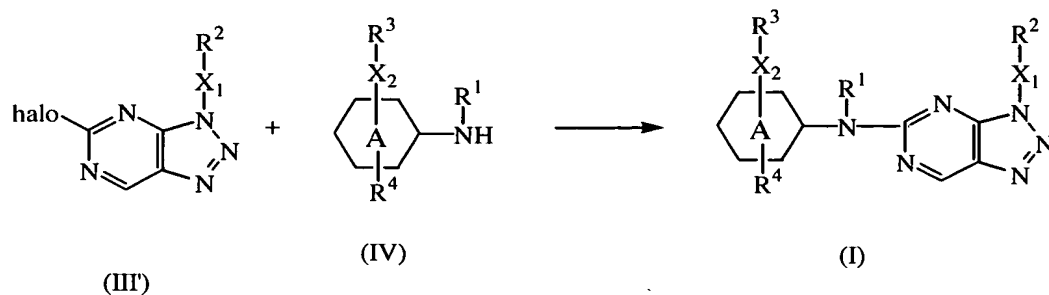
wherein ring A, R^1 , R^2 , R^4 and X_1 are as defined in claim 1;

f) reacting an intermediate of formula (XV) with hydrazine in the presence of a suitable solvent,



wherein ring A, R^1 , R^2 , R^4 and X_1 are as defined in claim 1;

g) reacting an intermediate of formula (III') with an intermediate of formula (IV) in the presence of a suitable solvent, and optionally in the presence of a suitable base,



wherein ring A, R^1 , R^2 , R^3 , R^4 , X_1 and X_2 are as defined in claim 1;

or, if desired, converting compounds of formula (I) into each other following art-known transformations, and further, if desired, converting the compounds of formula (I), into a therapeutically active non-toxic acid addition salt by treatment with an acid, or into a therapeutically active non-toxic base addition salt by treatment with a base, or conversely, converting the acid addition salt form into the free base by treatment with alkali, or converting the base addition salt into the free acid by treatment with acid; and, if desired, preparing stereochemically isomeric forms, quaternary amines or *N*-oxide forms thereof.